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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 9

## Complete if Known

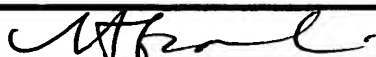
Application Number	10/712,069
Filing Date	11/13/2003
First Named Inventor	Michael J. Czaplicki
Art Unit	3726
Examiner Name	Unknown
Attorney Docket Number	1001-132

## U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
S-A		US- 4,463,870	08/07/1984	Coburn, Jr. et al.	
		US- 4,610,836	09/09/1986	Wycech	
		US- 4,751,249	06/14/1998	Wycech	
		US- 4,769,391	09/06/1998	Wycech	
		US- 4,813,690	03/21/1989	Coburn, Jr.	
		US- 4,836,516	06/06/1989	Wycech	
		US- 4,853,270	08/01/1989	Wycech	
		US- 4,861,097	08/29/1989	Wycech	
		US- 4,923,902	05/08/1990	Wycech	
		US- 4,978,562	12/18/1990	Wycech	
		US- 5,124,186	06/23/1992	Wycech	
		US- 5,358,397	10/25/1994	Ligon et al.	
		US- 5,506,025	04/09/1996	Otto et al.	
		US- 5,755,486	05/26/1998	Wycech	
		US- 5,888,600	03/30/1999	Wycech	
		US- 5,985,435	11/16/1999	Czaplicki et al.	
		US- 5,992,923	11/30/1999	Wycech	
S-A		US- 6,003,274	12/21/1999	Wycech	

## FOREIGN PATENT DOCUMENTS

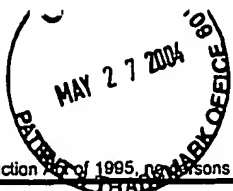
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
S-A		EP 0611778 B1	09/17/1997	Sika Corporation		X
		WO 95/32110	11/30/1995	Wycech		
		WO 97/02967	01/30/1997	L&L Products, Inc.		
		WO 97/43501	11/20/1997	Henkel Corporation		
S-A		WO 98/50221	11/12/1998	Henkel Corporation		

Examiner Signature		Date Considered	7/7/2006
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 2 of 9**Complete if Known**

Application Number	10/712,069
Filing Date	11/13/2003
First Named Inventor	Michael J. Czaplicki
Art Unit	3726
Examiner Name	Unknown
Attorney Docket Number	1001-132

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		Number-Kind Code <sup>2</sup> (if known)			
SA		US- 6,006,484	12/28/1999	Geissbuhler	
		US- 6,033,300	03/07/2000	Schneider	
		US- 2002/0053179	05/09/2002	Wycech	
		US- 6,068,424	05/30/2000	Wycech	
		US- 6,092,864	07/25/2000	Wycech et al.	
		US- 6,096,403	08/01/2000	Wycech et al.	
		US- 6,099,948	05/08/2000	Paver Jr.	
		US- 6,103,341	08/15/2000	Barz et al.	
		US- 6,131,897	10/17/2000	Barz et al.	
		US- 6,149,227	11/21/2000	Wycech	
		US- 6,150,428	11/21/2000	Hanley, IV et al.	
		US- 6,165,588	12/26/2000	Wycech	
		US- 6,168,226	01/02/2001	Wycech	
		US- 6,189,953	02/20/2001	Wycech	
		US- 6,196,621	03/06/2001	VanAssche	
		US- 6,199,940	03/13/2001	Hopton et al.	
		US- 6,233,826	05/22/2001	Wycech	
SA		US- 6,237,304	05/29/2001	Wycech	

**FOREIGN PATENT DOCUMENTS**

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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
SA		EP 0 891 918 A1	01/20/1999	Henkel Corporation		
		EP 0 893 332 A1	01/27/1999	Henkel Corporation		
		WO 99/08854	02/25/1999	Henkel Corporation		
		WO 99/28575	06/10/1999	Sika AG		
SA		WO 99/50057	10/07/1999	Henkel Corporation		

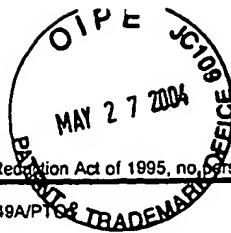
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Sheet **3** of **9**

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Application Number	10/712,069
Filing Date	11/13/2003
First Named Inventor	Michael J. Czaplicki
Art Unit	3726
Examiner Name	Unknown
Attorney Docket Number	1001-132

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S.A.		US- 6,253,524	07/03/2001	Hopton et al.	
		US- 6,263,635	07/24/2001	Czaplicki	
		US- 6,270,600	08/07/2001	Wycech	
		US- 6,272,809	08/14/2001	Wycech	
		US- 6,276,105	08/21/2001	Wycech	
		US- 6,281,260	08/28/2001	Hanley, IV et al.	
		US- 6,287,666	09/11/2001	Wycech	
		US- 6,296,298	10/02/2001	Barz	
		US- 6,305,136	10/23/2001	Hopton et al.	
		US- 6,311,452	11/06/2001	Barz et al.	
		US- 6,315,938	11/13/2001	Jandali	
		US- 6,319,964	11/20/2001	Blank et al.	
		US- 6,321,793	11/27/2001	Czaplicki et al.	
		US- 6,332,731	12/25/2001	Wycech	
		US- 6,341,467	01/29/2002	Wycech	
		US- 6,368,438	04/09/2002	Chang et al.	
		US- 6,358,584	03/19/2002	Czaplicki	
		US- 6,383,610	05/07/2002	Barz et al.	

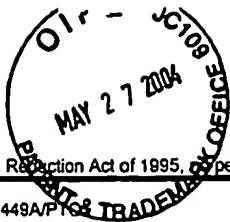
## FOREIGN PATENT DOCUMENTS

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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
S.A.		WO 00/13958	03/16/2000	Henkel Corporation		
I		WO 00/40815	07/13/2000	Sika AG		
		WO 00/43254	07/27/2000	Henkel Corporation		
		WO 00/46461	08/10/2000	Sika AG		
S.A.		WO 00/55444	09/21/2000	L&L Products, Inc.		

Examiner Signature		Date Considered	7/7/2006
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**Complete if Known****INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 4 of 9

Application Number	10/712,069
Filing Date	11/13/2003
First Named Inventor	Michael J. Czaplicki
Art Unit	3726
Examiner Name	Unknown
Attorney Docket Number	1001-132

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		Number-Kind Code <sup>2</sup> (if known)			
SA		US- D457,120 S	05/14/2002	Broccardo et al.	
		US- 2002/0074827	06/20/2002	Fitzgerald et al.	
		US- 6,422,575	07/23/2002	Czaplicki et al.	
		US- 6,419,305	07/16/2002	Larsen	
		US- 6,372,334	04/16/2002	Wycech	
		US- 6,382,635	05/07/2002	Fitzgerald	
		US- 6,389,775	05/21/2002	Steiner et al.	
		US- 6,413,611	07/02/2002	Roberts et al.	
		US- 6,406,078	06/18/2002	Wycech	
		US- 6,455,146	09/24/2002	Fitzgerald	
		US- H2047 H	09/03/2002	Harrison et al.	
		US- 6,482,496	11/19/2002	Wycech	
		US- 6,474,722	05/11/2002	Barz	
		US- 6,482,486	11/19/2002	Czaplicki et al.	
		US- 6,467,834	10/22/2002	Barz et al.	
		US- 6,471,285	10/29/2002	Czaplicki et al.	
		US- 6,474,723	11/05/2002	Czaplicki et al.	
SA		US- 6,546,693	04/15/2003	Wycech	

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SA		WO	01/54936 A1	08/02/2001	Sika Corporation		
		WO	01/71225 A1	09/27/2001	Sika Corporation		
		WO	01/83206 A1	11/08/2001	Sika Corporation		
		FR	2 749 263 A1	12/05/1997	Renault Societe Anonyme		X
SA		DE	198 58 903 A1	06/21/2000	Adam Opel AG		

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S.A.		US- 6,502,821	01/07/2003	Schneider	
		US- 6,523,884	02/25/2003	Czaplicki et al.	
		US- 6,561,571	05/13/2003	Brennecke	
		US- 6,523,857	02/25/2003	Hopton et al.	
		US- 6,575,526	06/10/2003	Czaplicki et al.	
		US- 6,475,577	11/05/2002	Hopton et al.	
		US- 6,519,854	02/18/2003	Blank	
		US- 6,607,238	08/19/2003	Barz	
		US- 6,573,309	06/03/2003	Reitenbach et al.	
		US- 6,634,698	10/21/2003	Kleino	
		US- 6,619,727	09/16/2003	Barz et al.	
		US- 6,641,208	11/04/2003	Czaplicki et al.	
		US- 6,668,457	12/30/2003	Czaplicki	
		US- 6,692,347	02/17/2004	Schneider	
		US- 2004/0074150	04/22/2004	Wycech	
		US- 2003/0001469	01/02/2003	Hankins et al.	
		US- 2003/0039792	02/27/2003	Hable et al.	
S.A.		US- 2003/0050352	03/13/2003	Guenther et al.	

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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
S.A.		WO 00/37302	06/29/2000	Adam Opel AG		X
		DE 198 12 288 C1	05/27/1999	MoellerPlast GmbH		X
		DE 198 56 255 C1	01/20/2000	MoellerPlast GmbH		X
		WO 99/48746	09/30/1999	MoellerPlast GmbH		X
S.A.		EP 1 122 156 A2	08/08/2001	Sika Corporation		

Examiner Signature

*C. Atoral*

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Sheet

6

of

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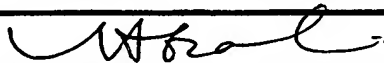
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		US- 2003/0057737	03/27/2003	Bock et al.	
		US- 2002/0160130	10/31/2002	Sheldon et al.	
		US- 2002/017954	11/28/2002	Busseuil et al.	
		US- 2003/0090129	05/15/2003	Riley et al.	
		US- 2003/0140671	07/31/2003	Lande et al.	
		US- 2003/0144409	07/31/2003	Kassa et al.	
		US- 2003/0176128	09/18/2003	Czaplicki et al.	
		US- 2003/0183317	10/02/2003	Czaplicki et al.	
		US- 2003/0186049	10/02/2003	Czaplicki et al.	
		US- 2004/0018341	01/29/2004	Richardson et al.	
		US- 2003/0201572	10/30/2003	Coon et al.	
		US- 2003/0184121	10/02/2003	Czaplicki et al.	
		US- 2003/0218019	11/27/2003	Le Gall et al.	
		US- 2004/0051251	03/18/2004	Hankins et al.	
		US- 2004/0018353	01/29/2004	Czaplicki et al.	
SA		US- 2004/0046423	03/11/2004	Robert Wieber	

## **FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
SA		WO 01/88033 A1	11/22/2001	Sika Corporation		
		GB 2 375 328 A	11/13/2002	L&L Products		
		EP 1 362 683 A2	11/19/2003	L&L Products, Inc.		
		EP 1 362 769 A1	11/19/2003	L&L Products, Inc.		
SA		WO 03/042024 A1	05/22/2003	L&L Products, Inc.		

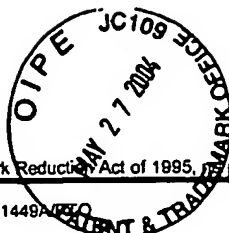
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 7 of 9

**Complete if Known**

Application Number	10/712,069
Filing Date	11/13/2003
First Named Inventor	Michael J. Czaplicki
Art Unit	3726
Examiner Name	Unknown
Attorney Docket Number	1001-132

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
SA		US- 2004/0034982	02/26/2004	Wieber et al.	
		US- 2004/0075299	04/22/2004	Wieber et al.	
		US- 2004/0033344	02/19/2004	Czaplicki et al.	
		US- 2004/0031164	02/19/2004	Sevastian	
		US- 2003/0069335	04/10/2003	Czaplicki et al.	
		US- 2003/0057737	03/27/2003	Bock et al.	
		US- 2004/0056472	03/25/2004	Schneider	
		US- 2004/0076831	04/22/2004	Hable	
		US- 2003/0050352	03/13/2003	Guenther et al.	
		US- 6,079,180	06/27/2000	Wycech	
		US- 5,642,914	05/07/1997	Takabatake	
		US- 6,059,342	05/09/2000	Kawai et al.	
		US- 6,146,565	11/14/2000	Keller	
		US- 2001/0020794	09/13/2001	Ishikawa	
		US- 2001/0042353	11/22/2001	Honda et al.	
SA		US- 5,474,721	12/12/1995	Stevens	
		US- 6,093,358	07/25/2000	Schiewe et al.	
		US- 6,722,720	4/20/2004	Donick et al.	

**FOREIGN PATENT DOCUMENTS**

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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
SA		EP 0 893 331 A1	01/27/1999	Henkel Corporation		
		EP 0 893 332 B1	03/20/2002	Henkel Corporation		X
		DE 299 04 705 U1	07/29/1999	Mannesmann AG		
		WO 00/03894	01/27/2000	Cascade Engineering, Inc.		
SA		WO 00/038863	07/06/2000	Mannesmann AG		

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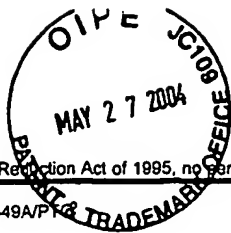
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STATEMENT BY APPLICANT**

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Sheet 8 of 9

**Complete if Known**

Application Number	10/712,069
Filing Date	11/13/2003
First Named Inventor	Michael J. Czaplicki
Art Unit	3726
Examiner Name	Unknown
Attorney Docket Number	1001-132

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
SA		US- 5,631,027	05/20/1997	Takabatake	
		US- 6,357,819	03/19/2002	Yoshino	
		US- 5,829,482	11/03/1998	Takabatake	
		US- 5,937,486	08/17/1999	Bockenheimer	
		US- 3,162,086	12/22/1994	Wells	
		US- 6,435,601	08/20/2002	Takahara	
		US- 6,444,713	09/09/2002	Pachi et al.	
		US- 5,678,826	10/21/1997	Miller	
		US- 5,766,719	06/16/1998	Rimkus	
		US- 4,922,596	05/08/1990	Wycech	
		US- 5,884,960	03/23/1999	Wycech	
		US- 5,575,526	11/19/1996	Wycech	
		US- 5,932,680	08/03/99	Heider	
		US- 5,266,133	11/30/1993	Hanley et al.	
		US- 6,451,231	09/17/2002	Harrison et al.	
SA		US- 6,387,470	05/14/2002	Chang et al.	
		US-			
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**FOREIGN PATENT DOCUMENTS**

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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
SA		WO 01/30906 A1	05/03/2001	Orbseal LLC		
		EP 1 084 816 A2	03/21/2001	BASF Aktiengesellschaft		
		WO 02/055923 A2	07/18/2002	Daimlerchrysler AG		
		WO 03/047951 A1	06/12/2003	Dow Global Technologies Inc.		
SA		WO 03/089221 A1	10/30/2003	Dow Global Technologies Inc.		

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Sheet

9

of

9

Application Number

10/712.069

Filing Date

11/13/2003

**First Named Inventor**

**Michael J. Czaplicki**

## Art Unit

3726

**Examiner Name**

Unknown

Attorney Docket Number

1001-132

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FOREIGN PATENT DOCUMENTS						
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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
S-A		WO 00/27920	05/18/2000	Sika Corporation		

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Application Number	10/712,069
Filing Date	11/13/2003
First Named Inventor	Michael J. Czaplicki
Group Art Unit	3726
Examiner Name	Unknown
Attorney Docket Number	1001-132

### OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Copending Application Serial No. 09/631,211 filed August 3, 2000	
		Copending Application Serial No. 10/646,439 filed August 21, 2003	
		Copending Application Serial No. 10/686,845 filed November 5, 2002	
		Copending U.K. Application Serial No. 0220945.0 filed September 10, 2002	
		Copending U.K. Application Serial No. 0300159.1 filed January 6, 2003	

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